



TEST REPORT

Test Report # 18H-005685 Date of Report Issue: September 13, 2018
 Date of Sample Received: July 31, 2018 Pages: Page 1 of 13

CLIENT INFORMATION:

Company: Hit Promotional Products
 Recipient: Nathan Cotter
 Recipient Email: ncotter@hitpromo.net



SAMPLE INFORMATION:

Description:	22oz. Stainless Steel Bottle With Pop-Up Lid		
Assortment:	7 colors	Purchase Order Number:	266943
SKU No.:	5326	Agent:	Growth-Sonic
Factory No.:	127184	Country of Origin:	China
Country of Distribution:	United States	Labeled Age Grade:	-
Quantity Submitted:	5 pcs per style + 1 lot Parts	Recommended Age Grade:	-
Testing Period:	08/01/2018 – 08/10/2018 09/10/2018 – 09/13/2018	Tested Age Grade:	-

OVERALL RESULT:



Refer to page 2 for test result summary and appropriate notes.

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The above test(s) is/are accredited under the laboratory's ISO/IEC 17025 accreditation issued by the ANSI-ASQ National Accreditation Board (ANAB) according to certificate and scope of accreditation (Certificate # AT-1500.) Test(s) marked with '#' is/are not covered under the scope of accreditation.

The test result(s) and conclusion(s) in this report relate to the sample(s) tested as described herein.

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TEST RESULTS SUMMARY:

At the request of the client, the following tests were conducted:

CONCLUSION	TEST(S) CONDUCTED
PASS	CPSIA Section 101 & 16 CFR 1303, Total Lead in Paints and Surface Coatings
PASS	California Proposition 65, Total Lead in Paints and Surface Coatings
PASS	CPSIA Section 101, Total Lead in Substrate Materials
PASS	California Proposition 65, Total Lead in Substrate Materials
PASS	FDA GRAS Specifications, Total Chromium in Stainless Steel Food Containers [#]
PASS	Client's Requirement, Bisphenol A and Bisphenol S [#]
PASS	FDA 21 CFR 177.1210, Closures with Sealing Gaskets [#]
PASS	FDA 21 CFR 177.1520, Polypropylene Homopolymers
PASS	Canadian Consumer Products Containing Lead (Contact with Mouth) Regulation SOR/2010-273 as Amended by SOR/2016-171, Total Lead in Accessible Substrates

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**DETAILED RESULTS:****CPSIA Section 101 & 16 CFR 1303, Total Lead in Paints and Surface Coatings**

Test Method: CPSC-CH-E-1003-09.1

Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Specimen No.	1	2	3	4+5	6+7	Total Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Lead (Pb)	ND	ND	ND	ND	ND	90
Conclusion	PASS	PASS	PASS	PASS	PASS	

Note:

ppm (Parts per million) = mg/kg (Milligrams per kilogram)

LT = Less than

ND = Not detected (Reporting Limit = 20 ppm)

Composite results are based on specimen of least mass resulting in highest potential concentration.

**DETAILED RESULTS:****California Proposition 65, Total Lead in Paints and Surface Coatings**

Test Method: CPSC-CH-E-1003-09.1

Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Specimen No.	1	2	3	4+5	6+7	Total Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Lead (Pb)	ND	ND	ND	ND	ND	90
Conclusion	PASS	PASS	PASS	PASS	PASS	

Note:

ppm (Parts per million) = mg/kg (Milligrams per kilogram)

LT = Less than

ND = Not detected (Reporting Limit = 20 ppm)

Composite results are based on specimen of least mass resulting in highest potential concentration.

Remark:

The specification is quoted from client's requirement.

**DETAILED RESULTS:****CPSIA Section 101, Total Lead in Substrate Materials**

Test Method: CPSC-CH-E1001-08.3 (Metal), CPSC-CH-E1002-08.3 (Non-Metal)

Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Specimen No.	9	10+11+12	13+14+15	16	18	Total Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Lead (Pb)	ND	ND	ND	ND	ND	100
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	19	20	---	---	---	Total Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Lead (Pb)	ND	ND	---	---	---	100
Conclusion	PASS	PASS	---	---	---	

Note:

ppm (Parts per million) = mg/kg (Milligrams per kilogram)

LT = Less than

ND = Not detected (Reporting Limit = 20 ppm)

Composite results are based on specimen of least mass resulting in highest potential concentration.



DETAILED RESULTS:

California Proposition 65, Total Lead in Substrate Materials

Test Method: CPSC-CH-E1001-08.3 (Metal), CPSC-CH-E1002-08.3 (Non-Metal)
Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Specimen No.	9	10+11+12	13+14+15	16	18	Total Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Lead (Pb)	ND	ND	ND	ND	ND	100
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	19	20	---	---	---	Total Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Lead (Pb)	ND	ND	---	---	---	100
Conclusion	PASS	PASS	---	---	---	

Note:

ppm (Parts per million) = mg/kg (Milligrams per kilogram)

LT = Less than

ND = Not detected (Reporting Limit = 20 ppm)

Composite results are based on specimen of least mass resulting in highest potential concentration.

Remark:

The specification is quoted from client's requirement.

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**DETAILED RESULTS:****FDA GRAS Specifications, Total Chromium in Stainless Steel Food Containers**Test Method: In-House Method[#]

Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Specimen No.	17	---	---	---	---	Limit (% m/m)
Test Item	Result (% m/m)	Result (% m/m)	Result (% m/m)	Result (% m/m)	Result (% m/m)	
Total Chromium (Cr)	19.8	---	---	---	---	GT 16
Conclusion	PASS	---	---	---	---	

Note:

% m/m = Percent by mass

GT = Greater than

Remark:

The limit is quoted from ANSI/NSF 51-1997 Section 7.1.2.

**DETAILED RESULTS:****Client's Requirement, Bisphenol A and Bisphenol S**

Test Method: In-House Method#
Analytical Method: Liquid Chromatography with Mass Spectrometry

Specimen No.		8	16	---	---	Limit (ppb)
Test Item	CAS No.	Result (ppb)	Result (ppb)	Result (ppb)	Result (ppb)	
Bisphenol A (BPA)	80-05-7	ND	ND	---	---	ND
Bisphenol S (BPS)	80-09-1	ND	ND	---	---	ND
Conclusion		PASS	PASS	---	---	

Note:

ppb (Parts per billion) = $\mu\text{g}/\text{kg}$ (Micrograms per kilogram)

NA = Not applicable

LT = Less than

ND = Not detected (Reporting limit: BPA = 1000 ppb; BPS = 200 ppb)

**DETAILED RESULTS:****FDA 21 CFR 177.1210, Closures with Sealing Gaskets**Test Method: FDA 21 CFR 177.1210[#]

Specimen No.			16	---	RL	Limit
Test Item	Test Condition		Result (ppm)	Result (ppm)		
	Temp.	Duration				
Distilled water extractive	Fill boiling	Until Cool to 100°F	ND	---	10	50
Conclusion			PASS	---		

Note:

Temp. = Temperature

°F = Degree Fahrenheit

ppm (Parts per million) = mg/kg (Milligrams per kilogram foodstuff)

LT = Less than

ND = Not detected. Result value is less than reporting limit (RL).

Remark:

The specification is quoted from 21 CFR 177.1210 Table 2 Section 2.

**DETAILED RESULTS:****FDA 21 CFR 177.1520, Polypropylene Homopolymers**

Test Method: FDA 21 CFR 177.1520

Specimen No.			8	---		
Test Item	Temp.	Duration	Result	Result	RL	Limit
Density (g/cc)	NA	NA	0.903	---	NA	0.880 – 0.913
Melting point (°C)	NA	NA	166.4	---	NA	150 – 180
n-Hexane extractive (%)	Reflux	2 hours	0.9	---	0.4	6.4
Xylene extractive (%)	120°C	2 hours or until total dissolved	1.8	---	1.0	9.8
Conclusion			PASS	---		

Note:

Temp. = Temperature

°C = Degree Celsius

g/cc = Grams per cubic centimeter

% w/w = Percent by weight

NA = Not applicable

LT = Less than

ND = Not detected. Result value is less than reporting limit (RL).

Remark:

The specification is quoted from 21 CFR 177.1520 (c) 1.1.

**DETAILED RESULTS:****Canadian Consumer Products Containing Lead (Contact with Mouth) Regulation SOR/2010-273 as Amended by SOR/2016-171, Total Lead in Accessible Substrates**

Test Method: CPSC-CH-E1001-08.3 (Metal), CPSC-CH-E1002-08.3 (Non-Metal)

Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Specimen No.	9	16	18	---	---	Total Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Lead (Pb)	ND	ND	ND	---	---	90
Conclusion	PASS	PASS	PASS	---	---	

Note:

ppm (Parts per million) = mg/kg (Milligrams per kilogram)

LT = Less than

ND = Not detected (Reporting Limit = 20 ppm)

Composite results are based on specimen of least mass resulting in highest potential concentration.

**SPECIMEN DESCRIPTION:**

Specimen No.	Specimen Description	Location
1	Red coating	On outer wall (red style)
2	Dark green coating	On outer wall (dark green style)
3	Green coating	On outer wall (green style)
4	Blue coating	On outer wall (blue style)
5	Turquoise coating	On outer wall (aqua style)
6	Black coating	On outer wall (black style)
7	White coating	On outer wall (white style)
8	Black plastic (PP-homo)	Lid/ cap of lid (all styles)
9	Black plastic	Lid/ cap of lid (all styles); handle/ holder of cap of lid (black style)
10	Red plastic	Handle/ holder of cap of lid (red style)
11	Dark green plastic	Handle/ holder of cap of lid (dark green style)
12	Green plastic	Handle/ holder of cap of lid (green style)
13	Blue plastic	Handle/ holder of cap of lid (blue style)
14	Light blue plastic	Handle/ holder of cap of lid (aqua style)
15	White plastic	Handle/ holder of cap of lid (white style)
16	Translucent soft plastic (Silicone)	Gasket (all styles)
17	Silvery metal (304 STAINLESS STEE)	Inner wall (all styles)
18	Silvery metal	Inner wall/ bottom (all styles)
19	Dull silvery metal	Outer wall (all styles)
20	Matt silvery metal	Rivet of lid (all styles)



SAMPLE PHOTO:



-End Report-